In your project proposal, please answer the following questions:

1. What are the names and NetIDs of all your team members? Who is the captain? The captain will have more administrative duties than team members.
2. Which competition do you plan to join?
3. If you choose the IR competition, are you prepared to learn state-of-the-art IR methods like query expansion, feedback, rank fusion, learning to rank, etc.? Name some more concrete methods or tools that you may have heard of. If you choose the classification competition, are you prepared to learn state-of-the-art neural network classifiers? Name some neural classifiers and deep learning frameworks that you may have heard of. Describe any relevant prior experience with such methods
4. Which programming language do you plan to use?

1. Team Members

Wenxin Fang wenxinf2

Shengyi Wang shengyi4 (Captain)

Yi Li yil7

2. Text classification competition

3. Baseline model: Logistic regression, Naive Bayes

Our deep learning framework: LSTM Deep learning

We have some experience in implementing and training logistic regression on a toy dataset. However, we never train and test this model on text data before. We haven’t had some experience in Naive Bayes and LSTM deep learning framework. But we are thrilled to learn more about these machine learning approaches and look forward to seeing how it performs on the tweet dataset.

4. Python